

# Student Handout

## Environmental Injustice: When the Grass is Actually Greener on the Other Side

Name :

Date :

### Notes:

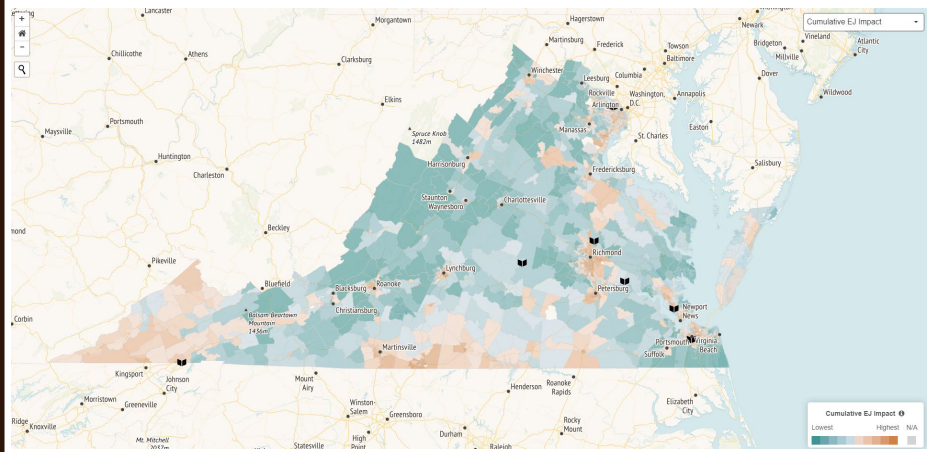
1. Go to "Mapping for Environmental Justing" at: <https://mappingforej.berkeley.edu/>
2. Choose the map of Virginia if it does not automatically open.
3. Scroll to the bottom of the page and click on "Learn more about our map". Answer the following questions:

**What is a cumulative EJ impact?**

**What indicators are used to calculate EJ impact? Give an example of each type of indicator.**

**Explain the difference between population characteristics and pollution burden in the EJ impact.**

4. Go back to the main page containing the map of Virginia, and click on "See full screen map here". You should get a map such as the one below. You will have this map, which displays EJ impact by county, as a reference as you complete this activity.



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5. Explore the layering options within the map. You can change the visible layer by clicking on "Choose a layer" on the top right hand corner.

**Click on the "Choose a layer > People of Color" option. What did you notice about the layer and how it relates to the EJ impact score?**

**Click on the "Choose a layer > Poverty" option. What did you notice about the layer and how it relates to the EJ impact score and other pollution/population characteristics ?**

**Click on the "Choose a layer > Adult Asthma" option. What did you notice about the layer and how it relates to the EJ impact score and other pollution/population characteristics?**

**Click on the "Choose a layer > Heart Disease" option. What did you notice about the layer and how it relates to the EJ impact score and other pollution/population characteristics?**

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6. Click on one of the storybook links within the state.

What county was affected by the link you chose? \_\_\_\_\_

Explain the issue they are facing.

What population characteristics seem to be connected to the people affected by your chosen link?

Based on the information you have gathered today, do you believe that certain populations are over-burdened with the effects of pollution? Explain your response using examples from today's lesson.

How do we address these issues? Address this at the personal and systemic level. Note: Systemic is defined as "related to a larger system".